



OAQ GENERAL SOURCE DATA APPLICATION
GSD-14: Owners and Occupants Notified
State Form 51609 (R2 / 1-10)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Additional Information
093-3354-60038

cc: J. Padgett
orig. file

IDEM - Office of Air Quality - Permits Branch
100 N. Senate Avenue, MC 61-53 Room 1003
Indianapolis, IN 46204-2251
Telephone: (317) 233-0178 or
Toll Free: 1-800-451-6027 x30178 (within Indiana)
Facsimile Number: (317) 232-6749
www.IN.gov/idem

NOTES:

- The purpose of GSD-14 is to identify adjacent landowners and occupants that are to be notified that an air permit application has been submitted.

RECEIVED
State of Indiana

SEP 05 2013

Dept of Environmental Management
Office of Air Quality

- Detailed instructions for this form are available on the Air Permit Application Forms website.

All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available in public inspection.

Owners And Occupants Notified

Use this table to identify adjacent landowners and occupants that you have notified of your intent to construct pursuant to Indiana Code (IC) 13-15-8. If you need additional space, you may make copies of this form.

1. Owner / Occupant Name: Standish Farm Supply		2. Date Notified: 8-29-2013
3. Address: 1028 I St		
City: Bedford	State: IN	ZIP Code: 47421 -
4. Electronic Mail:	5. Telephone Number: () -	
6. Method of Notification: <input type="checkbox"/> Telephone <input type="checkbox"/> Electronic Mail <input checked="" type="checkbox"/> Standard Mail <input type="checkbox"/> Other (specify):		
Owner / Occupant Name: Virginia Jones		Date Notified: 8-29-2013
Address: 720 Columbus		
City: Bedford	State: IN	ZIP Code: 47421 -
Electronic Mail:	Telephone Number: () -	
Method of Notification: <input type="checkbox"/> Telephone <input type="checkbox"/> Electronic Mail <input checked="" type="checkbox"/> Standard Mail <input type="checkbox"/> Other (specify):		
Owner / Occupant Name: Charles & Myra Sutton		Date Notified: 8-29-2013
Address: 802 9th St		
City: Bedford	State: IN	ZIP Code: 47421 -
Electronic Mail:	Telephone Number: () -	
Method of Notification: <input type="checkbox"/> Telephone <input type="checkbox"/> Electronic Mail <input checked="" type="checkbox"/> Standard Mail <input type="checkbox"/> Other (specify):		
Owner / Occupant Name: Harold & Amy Stone		Date Notified: 8-29-2013
Address: 907 H St		
City: Bedford	State: IN	ZIP Code: 47421 -
Electronic Mail:	Telephone Number: () -	
Method of Notification: <input type="checkbox"/> Telephone <input type="checkbox"/> Electronic Mail <input checked="" type="checkbox"/> Standard Mail <input type="checkbox"/> Other (specify):		
Owner / Occupant Name: James & Sharon Thompson		Date Notified: 8-29-2013
Address: 527 Becks Addition		
City: Bedford	State: IN	ZIP Code: 47421 -
Electronic Mail:	Telephone Number: () -	
Method of Notification: <input type="checkbox"/> Telephone <input type="checkbox"/> Electronic Mail <input checked="" type="checkbox"/> Standard Mail <input type="checkbox"/> Other (specify):		

APPLICATION

Source ID
Permit #
Date Application rec'd
Initials LP
(for OAQ use only)

93-38
33554
8-22-13

☒ Standard Mail ☐ Other (specify):

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Owners And Occupants Notified

Use this table to identify adjacent landowners and occupants that you have notified of your intent to construct pursuant to Indiana Code (IC) 13-15-8. If you need additional space, you may make copies of this form.

1. Owner / Occupant Name: Marilyn K Armstrong		2. Date Notified: 8-29-2013
3. Address: 1008 I St		
City: Bedford	State: IN	ZIP Code: 47421 -
4. Electronic Mail:	5. Telephone Number: () -	
6. Method of Notification: <input type="checkbox"/> Telephone <input type="checkbox"/> Electronic Mail <input checked="" type="checkbox"/> Standard Mail <input type="checkbox"/> Other (specify):		
Owner / Occupant Name: Leslie & Betty Hart		Date Notified: 8-29-2013
Address: 1045 East Power Line Rd		
City: Norman	State: IN	ZIP Code: 47264 -
Electronic Mail:	Telephone Number: () -	
Method of Notification: <input type="checkbox"/> Telephone <input type="checkbox"/> Electronic Mail <input checked="" type="checkbox"/> Standard Mail <input type="checkbox"/> Other (specify):		
Owner / Occupant Name: Dustin Gabhart		Date Notified: 8-29-2013
Address: PO Box 653		
City: Bedford	State: IN	ZIP Code: 47421 -
Electronic Mail:	Telephone Number: () -	
Method of Notification: <input type="checkbox"/> Telephone <input type="checkbox"/> Electronic Mail <input checked="" type="checkbox"/> Standard Mail <input type="checkbox"/> Other (specify):		
Owner / Occupant Name: Gary + Nancy Terrell		Date Notified: 8-29-2013
Address: 622 F St		
City: Bedford	State: IN	ZIP Code: 47421 -
Electronic Mail:	Telephone Number: () -	
Method of Notification: <input type="checkbox"/> Telephone <input type="checkbox"/> Electronic Mail <input checked="" type="checkbox"/> Standard Mail <input type="checkbox"/> Other (specify):		
Owner / Occupant Name:		Date Notified:
Address:		
City:	State:	ZIP Code: -
Electronic Mail:	Telephone Number: () -	
Method of Notification: <input type="checkbox"/> Telephone <input type="checkbox"/> Electronic Mail <input type="checkbox"/> Standard Mail <input type="checkbox"/> Other (specify):		

**OAQ GENERAL SOURCE DATA APPLICATION****GSD-15: Government Officials Notified**

State Form 51608 (R3 / 1-10)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
100 N. Senate Avenue, MC 61-53 Room 1003
Indianapolis, IN 46204-2251
Telephone: (317) 233-0178 or
Toll Free: 1-800-451-6027 x30178 (within Indiana)
Facsimile Number: (317) 232-6749
www.IN.gov/idem

NOTES:

- The purpose of GSD-15 is to identify local government officials that are to be notified that an air permit application has been submitted.
- Detailed instructions for this form are available on the Air Permit Application Forms website.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for public inspection.

Government Officials Notified

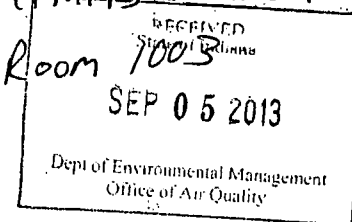
Use this table to identify local government officials that should be notified pursuant to Indiana Code (IC) 13-15-3-1 that an air permit application has been submitted. If you need additional space, you may make copies of this form.

1. Name: Shawna Girgis			2. Date Notified: 8-29-2013		
3. Title: Mayor					
4. Address: 1102 16th St					
City: Bedford		State: IN		ZIP Code: 47421 -	
5. Electronic Mail: sgirgis@bedford.in.us			6. Telephone Number: (812) 279 - 6555		
7. Method of Notification: <input type="checkbox"/> Telephone <input type="checkbox"/> Electronic Mail <input checked="" type="checkbox"/> Standard Mail <input type="checkbox"/> Other (specify):					
Name: Bill Spreen			Date Notified: 8-29-2013		
Title: County Commissioner					
Address: 916 15th St					
City: Bedford		State: IN		ZIP Code: 47421 -	
Electronic Mail:			Telephone Number: (812) 275 - 2644		
Method of Notification: <input type="checkbox"/> Telephone <input type="checkbox"/> Electronic Mail <input checked="" type="checkbox"/> Standard Mail <input type="checkbox"/> Other (specify):					
Name:			Date Notified:		
Title:					
Address:					
City:		State:		ZIP Code: -	
Electronic Mail:			Telephone Number: () -		
Method of Notification: <input type="checkbox"/> Telephone <input type="checkbox"/> Electronic Mail <input type="checkbox"/> Standard Mail <input type="checkbox"/> Other (specify):					
Name:			Date Notified:		
Title:					
Address:					
City:		State:		ZIP Code: -	
Electronic Mail:			Telephone Number: () -		
Method of Notification: <input type="checkbox"/> Telephone <input type="checkbox"/> Electronic Mail <input type="checkbox"/> Standard Mail <input type="checkbox"/> Other (specify):					

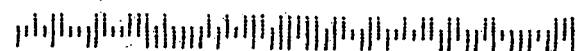


904 SUMMIT LN.
BEDFORD, IN 47421

IDEM-Office of Air Quality - Permits Branch
100 N. Senate Ave, MC 61-53 Room 100B
Indianapolis, IN 46204-2251



4620432210



Mackenzie, James

From: Graham McRedmond [gmcredmond@wzbinc.com]
Sent: Tuesday, November 12, 2013 3:13 PM
To: Mackenzie, James
Subject: Re: Bedford Recycling Air Permit 093-33554-00038

Mr. Mackenzie:

As provided by Bedford Recycling, the maximum processing rate for the Bedford shredder is conservatively estimated at 20 tons per hour. As we discussed by telephone earlier today, at the indicated maximum process rate of 20 tons per hour, the VOC emissions are less than 25 tons per year. As a result the facility is eligible for a simple registration under Indiana state air quality regulations. Additionally, the requested process limit of 199,200 tons per year in order to avoid VOC BACT under 326 IAC 8-1-6 is not needed. Please accept this email as documentation of agreement regarding the conclusions of our conversation earlier today.

With respect to the facility's storage of diesel fuel, a 500 gallon aboveground storage tank and a 2000 gallon aboveground storage tank are located at the facility.

Thank you,

Graham P. McRedmond, P.E.
Project Engineer
W. Z. Baumgartner & Associates, Inc.
TEL: (615) 595-0025
FAX: (615) 595-1595

From: Mackenzie, James
Sent: Friday, November 01, 2013 3:08 PM
To: Graham McRedmond @ wzbinc
Subject: Bedford Recycling Air Permit 093-33554-00038

Mr. McRedmond:

I am working on the assembly of the permit for Bedford Recycling. Currently, I have two questions :

1. Is the specified maximum processing rate of 20 ton/hr correct? This would indicate an annual rate of $(20)(\text{ton/hr}) \times (8,760)(\text{hr/yr}) = 175,200 \text{ ton/yr}$; however, the application requests a greater specific limit of 199,200 ton/yr in order to avoid 326 IAC 8-1-6 VOC BACT. Maybe no limit is needed(?) Please comment.
2. No diesel fuel storage tanks are indicated for the 120 kgal fuel dispensing. Can you provide a description, with capacity and date of construction?. Some venting emissions for may be needed for diesel fuel VOC emissions.

Please advise when possible.

Thank you,

James Mackenzie
Environmental Engineer
OAQ, IDEM
317.233.2641

TANKS 4.0.9d
Emissions Report - Summary Format
Tank Identification and Physical Characteristics

Identification
User Identification: Tank P005-1
City: Bedford
State: Indiana
Company: Bedford Recycling
Type of Tank: Horizontal Tank
Description: Diesel fuel storage: 2,000 gal. Throughput rate: 96,000 gal/yr.

Tank Dimensions
Shell Length (ft): 13.60
Diameter (ft): 5.00
Volume (gallons): 2,000.00
Turnovers: 48.00
Net Throughput(gal/yr): 96,000.00
Is Tank Heated (y/n): N
Is Tank Underground (y/n): N

Paint Characteristics
Shell Color/Shade: Gray/Medium
Shell Condition: Good

Breather Vent Settings
Vacuum Settings (psig): -0.03
Pressure Settings (psig): 0.03

Meteorological Data used in Emissions Calculations: Indianapolis, Indiana (Avg Atmospheric Pressure = 14.33 psia)

TANKS 4.0.9d
Emissions Report - Summary Format
Liquid Contents of Storage Tank

Tank P005-1 - Horizontal Tank
Bedford, Indiana

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F)			Liquid Bulk Temp (deg F)	Vapor Pressure (psia)			Vapor Mol. Weight	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
		Avg.	Min.	Max.		Avg.	Min.	Max.					
Distillate fuel oil no. 2	All	60.96	51.22	70.69	55.34	0.0067	0.0047	0.0092	130.0000			188.00	Option 1: VP60 = .0065 VP70 = .009

TANKS 4.0.9d
Emissions Report - Summary Format
Individual Tank Emission Totals

Emissions Report for: Annual

Tank P005-1 - Horizontal Tank
Bedford, Indiana

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
Distillate fuel oil no. 2	1.59	0.69	2.27

TANKS 4.0.9d
Emissions Report - Summary Format
Tank Identification and Physical Characteristics

Identification
User Identification: Tank P005-2
City: Bedford
State: Indiana
Company: Bedford Recycling
Type of Tank: Horizontal Tank
Description: Diesel fuel storage: 500 gal. Throughput rate: 24,000 gal/yr.

Tank Dimensions
Shell Length (ft): 5.50
Diameter (ft): 4.00
Volume (gallons): 500.00
Turnovers: 48.00
Net Throughput(gal/yr): 24,000.00
Is Tank Heated (y/n): N
Is Tank Underground (y/n): N

Paint Characteristics
Shell Color/Shade: Gray/Medium
Shell Condition: Good

Breather Vent Settings
Vacuum Settings (psig): -0.03
Pressure Settings (psig): 0.03

Meterological Data used in Emissions Calculations: Indianapolis, Indiana (Avg Atmospheric Pressure = 14.33 psia)

TANKS 4.0.9d
Emissions Report - Summary Format
Liquid Contents of Storage Tank

Tank P005-2 - Horizontal Tank
Bedford, Indiana

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F)			Liquid Bulk Temp (deg F)	Vapor Pressure (psia)			Vapor Mol. Weight	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
		Avg.	Min.	Max.		Avg.	Min.	Max.					
Distillate fuel oil no. 2	All	60.96	51.22	70.69	55.34	0.0067	0.0047	0.0092	130.0000			188.00	Option 1: VP60 = .0065 VP70 = .009

TANKS 4.0.9d
Emissions Report - Summary Format
Individual Tank Emission Totals

Emissions Report for: Annual

Tank P005-2 - Horizontal Tank
Bedford, Indiana

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
Distillate fuel oil no. 2	0.40	0.18	0.57

Mackenzie, James

From: Graham McRedmond [graham@indenvconsultants.com]
Sent: Wednesday, January 08, 2014 9:44 AM
To: Mackenzie, James
Subject: Bedford Recycling

Mr. Mackenzie:

I spoke to Michael Parsons of Bedford Recycling in December 2013 regarding IDEM's intent to issue the facility's permit at the Registration level. He and I are in agreement with that decision. Please proceed with finalizing the permit.

Thank you.

--

Graham P. McRedmond, PE.
Project Manager
Industrial Environmental Consultants, LLC.
PO Box 40066
2603 Fessey Park Road
Nashville TN 37204
work: 615.730.5059
cell: 615.418.8580
fax: 615.691.7919
email: graham@indenvconsultants.com